

Title (en)

METAL FRAME OF HEAD MOUNT DEVICE HAVING IMPACT ABSORBING WALLS

Title (de)

METALLRAHMEN EINER KOPFMONTIERTEN VORRICHTUNG MIT STOSSABSORBIERENDEN WÄNDEN

Title (fr)

CADRE MÉTALLIQUE DE DISPOSITIF MONTÉ SUR LA TÊTE PRÉSENTANT DES PAROIS D'ABSORPTION D'IMPACT

Publication

**EP 3410174 A1 20181205 (EN)**

Application

**EP 17204684 A 20171130**

Priority

- US 201715610438 A 20170531
- US 2017052461 W 20170920

Abstract (en)

Embodiments relate to a metal frame in a head-mounted display (HMD) that is structured to absorb impact and protect components of the HMD. The metal frame has a wall that is spaced away from a protection shell securing a display panel in the HMD. When the HMD is dropped or subject to external force, the wall may deform but keep the protection shell intact. Moreover, the metal frame has protruding ridges and brackets that surround outward facing cameras on the HMD. If the HMD is dropped, the protruding ridges and brackets can provide protection to the cameras.

IPC 8 full level

**G02B 27/01** (2006.01)

CPC (source: EP)

**G02B 27/0176** (2013.01)

Citation (search report)

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- [Y] WO 2016182974 A1 20161117 - NGOGGLE [US]
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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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